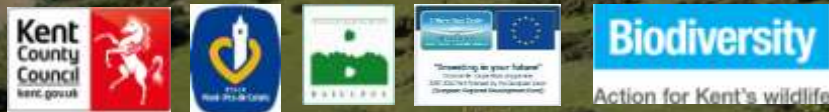




# Kent Webportal

Peter Wain



# Requirements

## Kent Webportal

- Interactive web mapping
- Hosted service – data and applications
- Scaleable
- Flexible access, functionality, security
- Usage reporting
- Data sharing



# Habitat Data

## Kent Habitat Survey 2012

- Broad Habitats 22 classes
  - Detailed Habitats 81 classes
  - Priority Habitats
  - Field Surveyed Habitats
- 
- 3,064,371 records



# Landcover Data

## Kent Landcover Survey 2008

- Broad Categories 6 classes
- Landcover Categories 11 classes
- Landcover Classes 26 classes
  
- 64,461 1ha (100mx100m) grid squares

# Analysis

Change Analysis for:

- Kent Habitat Survey 2003 to 2012
- Kent Landcover Survey 2000 to 2008

Fragmentation Analysis for:

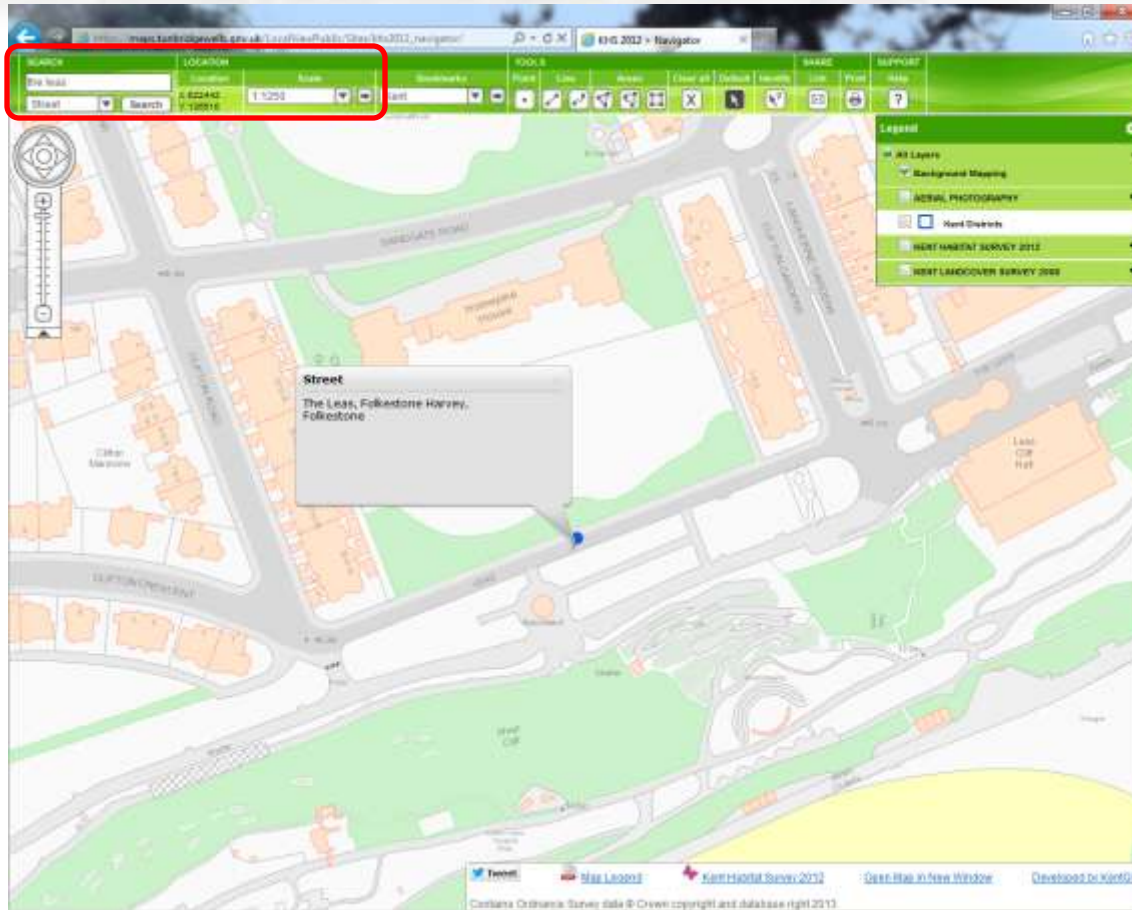
- Kent Habitat Survey 2012

# Interactive Web Map

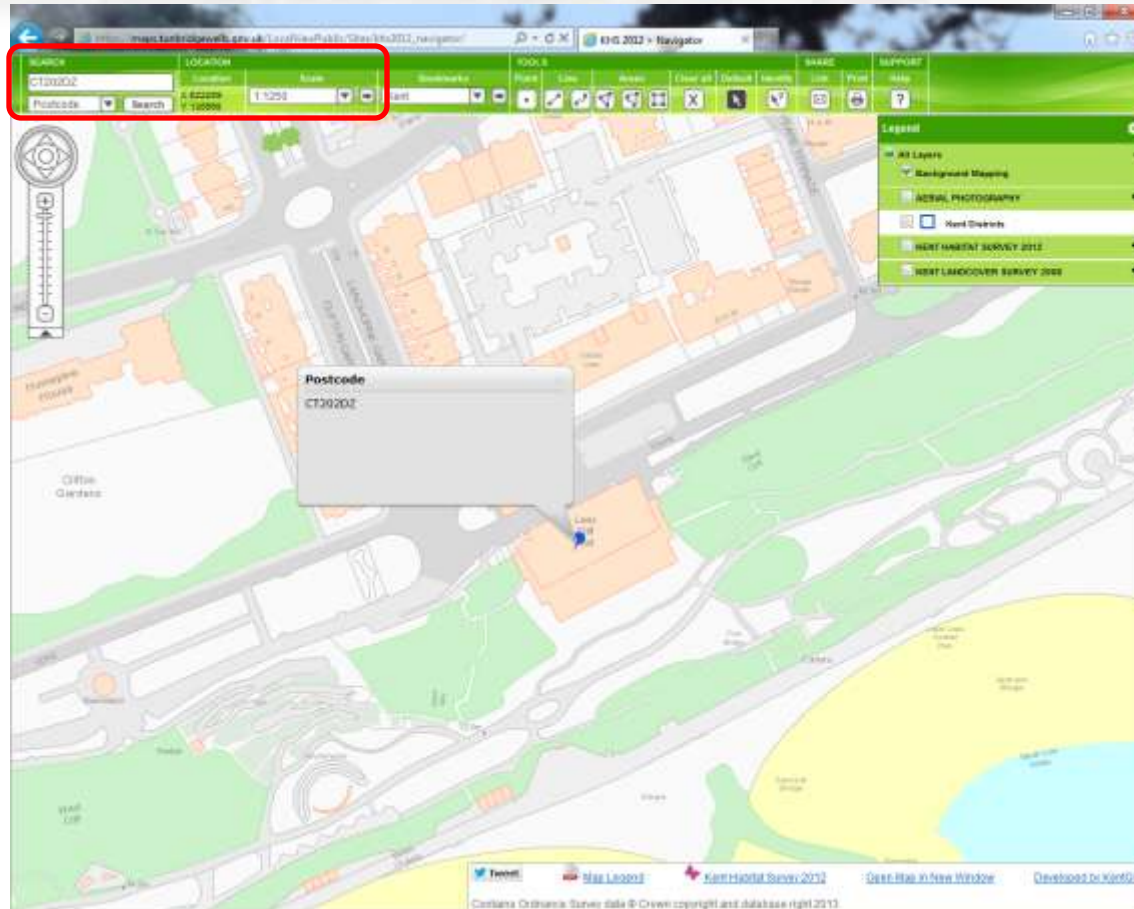
The screenshot displays the ARCH web map interface. At the top, the browser address bar shows the URL <http://www.kent.gov.uk/biodiversity>, which is highlighted with a red box. The page header includes the ARCH logo and the text: "ARCH - Assessing Regional Habitat Change - an Interreg IVA-Two Seas Cross Border Co-operation Programme. ARCH is an ambitious project for an improved knowledge and monitoring of habitats and key species in Kent and Nord-Pas de Calais". Below the header is a navigation menu with links for Home, About, Activities, Mapping Tools, News & Events, Partners, and Contact. The main content area features a search bar with the text "Milestone road" and a search button. To the right of the search bar are various map controls including a scale of 1:500,000, a map type selector set to "Sat", and a toolbar with icons for pan, zoom, and other map functions. The map itself shows the county of Kent with various districts outlined in blue. A green legend box is visible on the right side of the map. At the bottom of the map area, there is a link "Open Map in Full Webpage" highlighted with a red box. The footer of the page contains logos for Kent County Council, Kent Council, Biodiversity, and KENTGIS, along with the text "Contains Ordnance Survey data © Crown copyright and database right 2013".



# Street Search

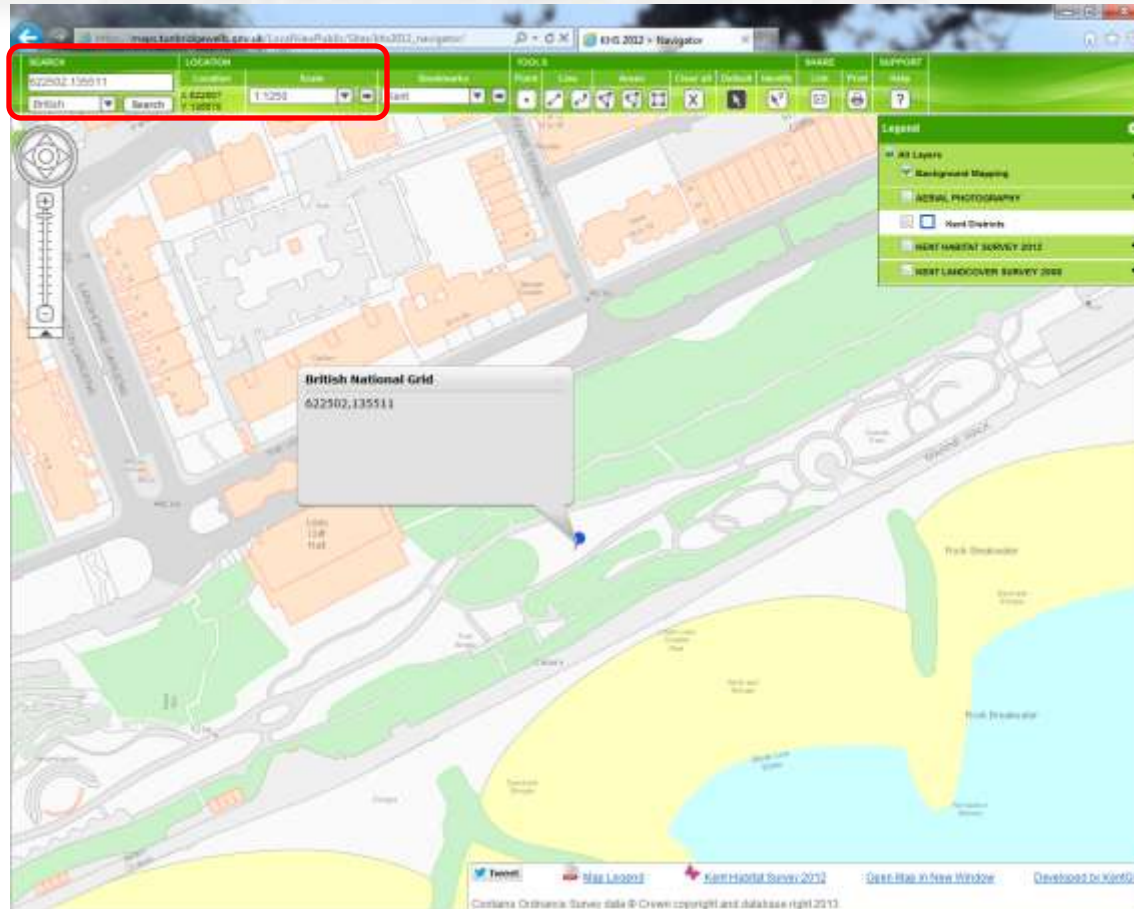


# Postcode Search

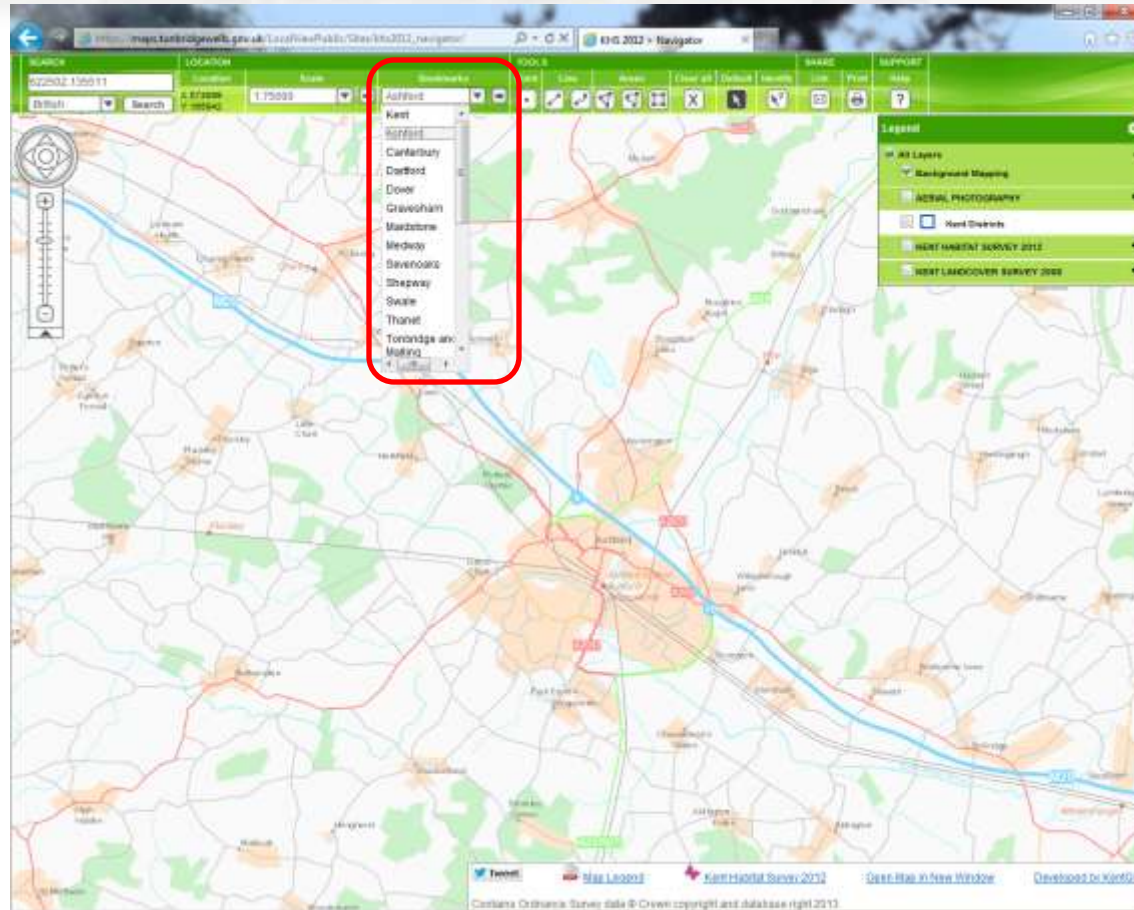




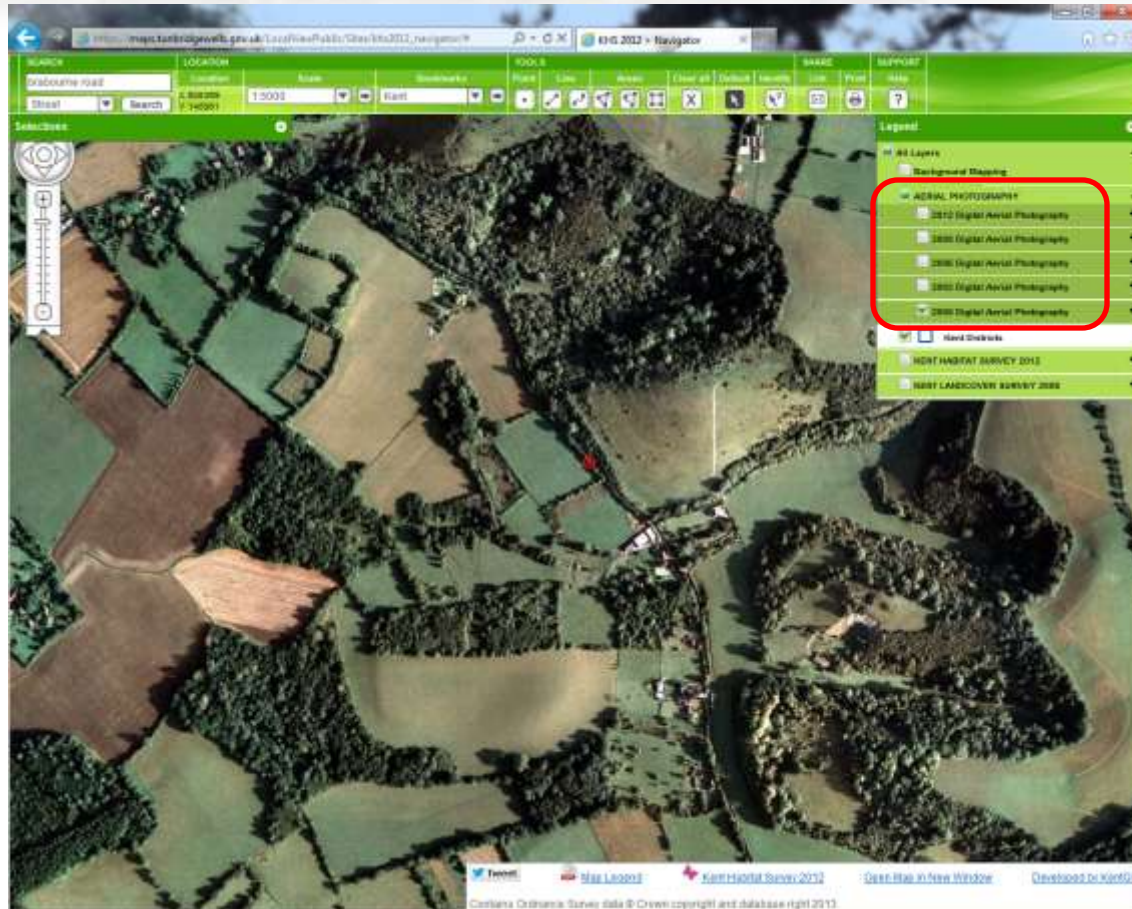
# British National Grid Search



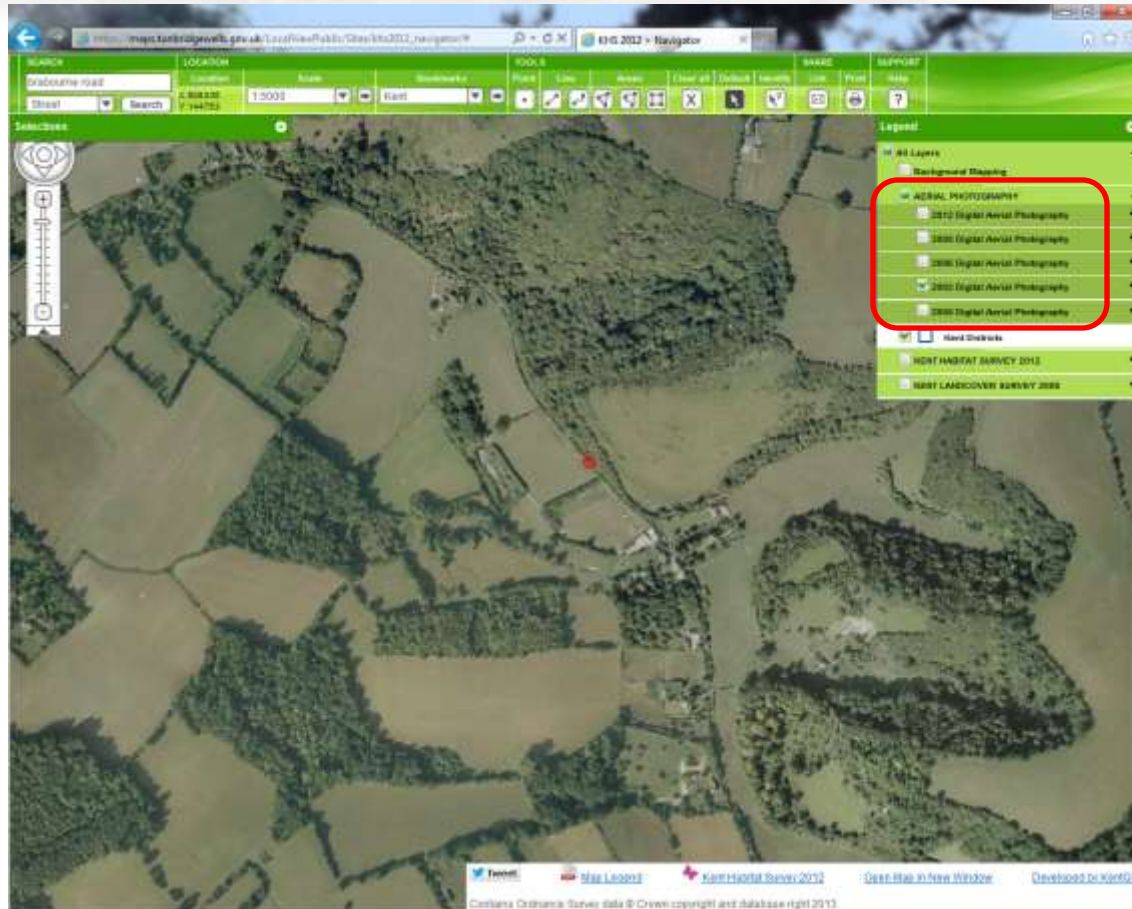
# Bookmarks



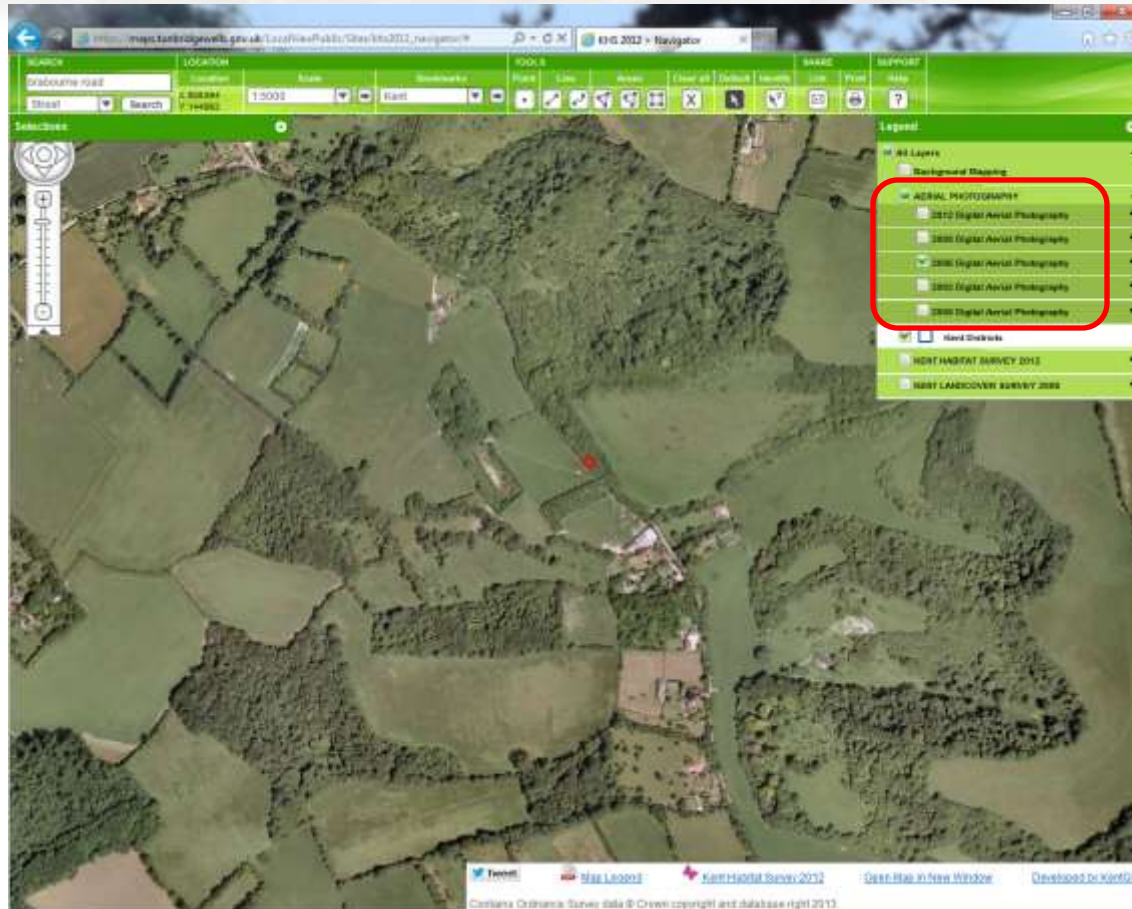
# Aerial Photo 2000



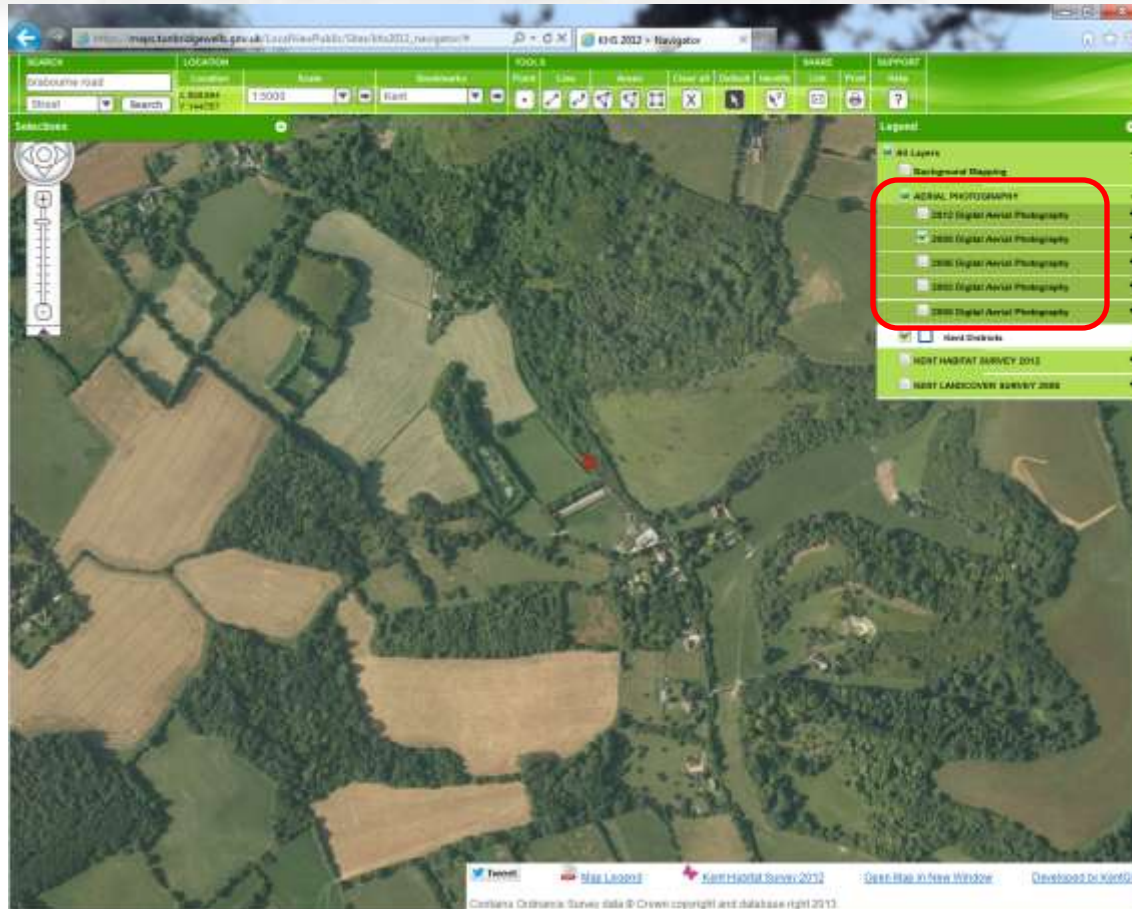
# Aerial Photo 2003



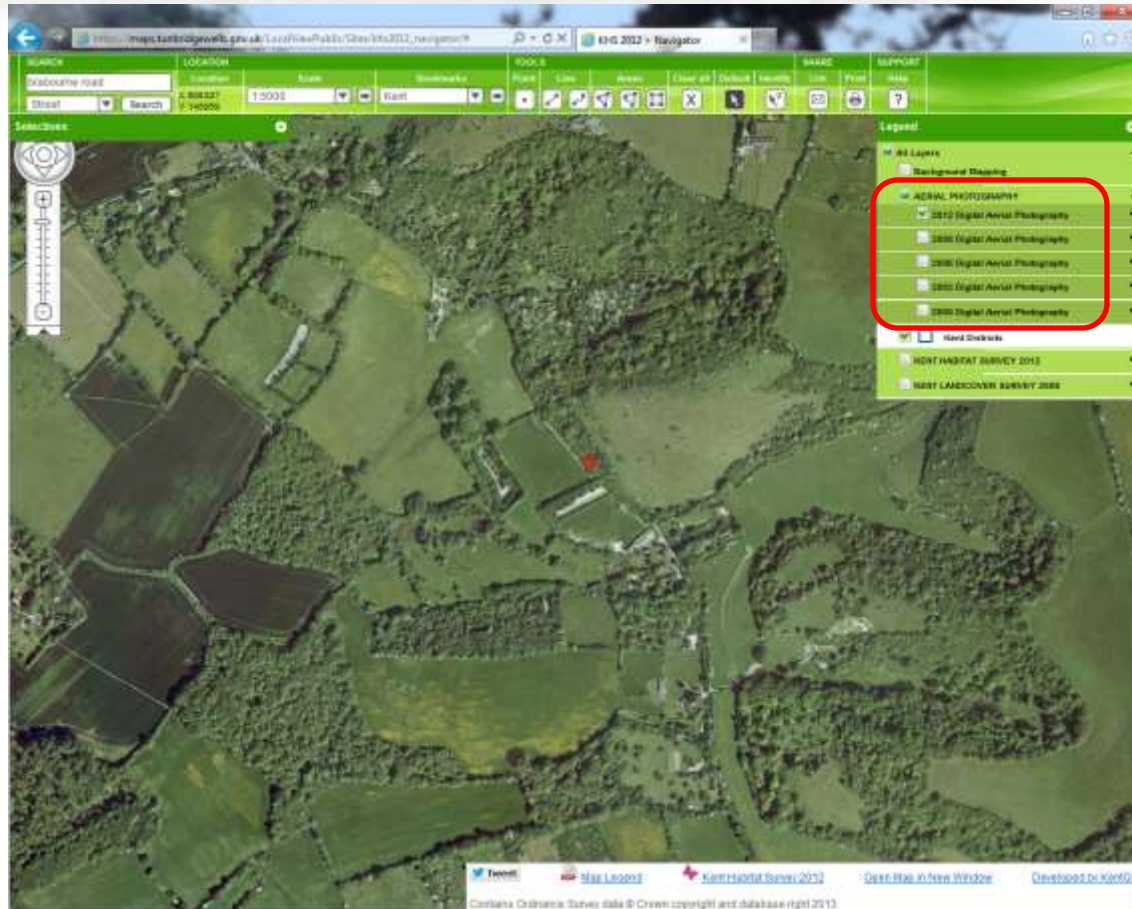
# Aerial Photo 2006



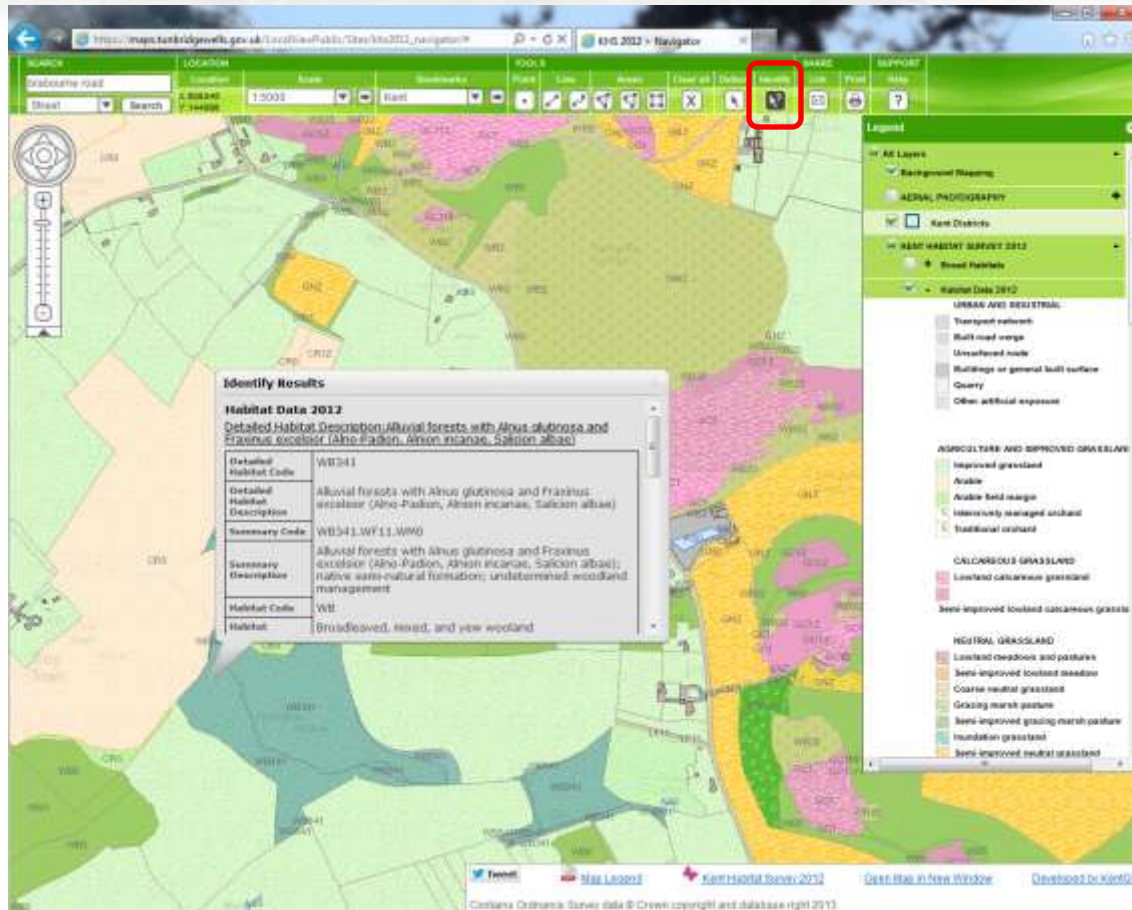
# Aerial Photo 2009



# Aerial Photo 2012

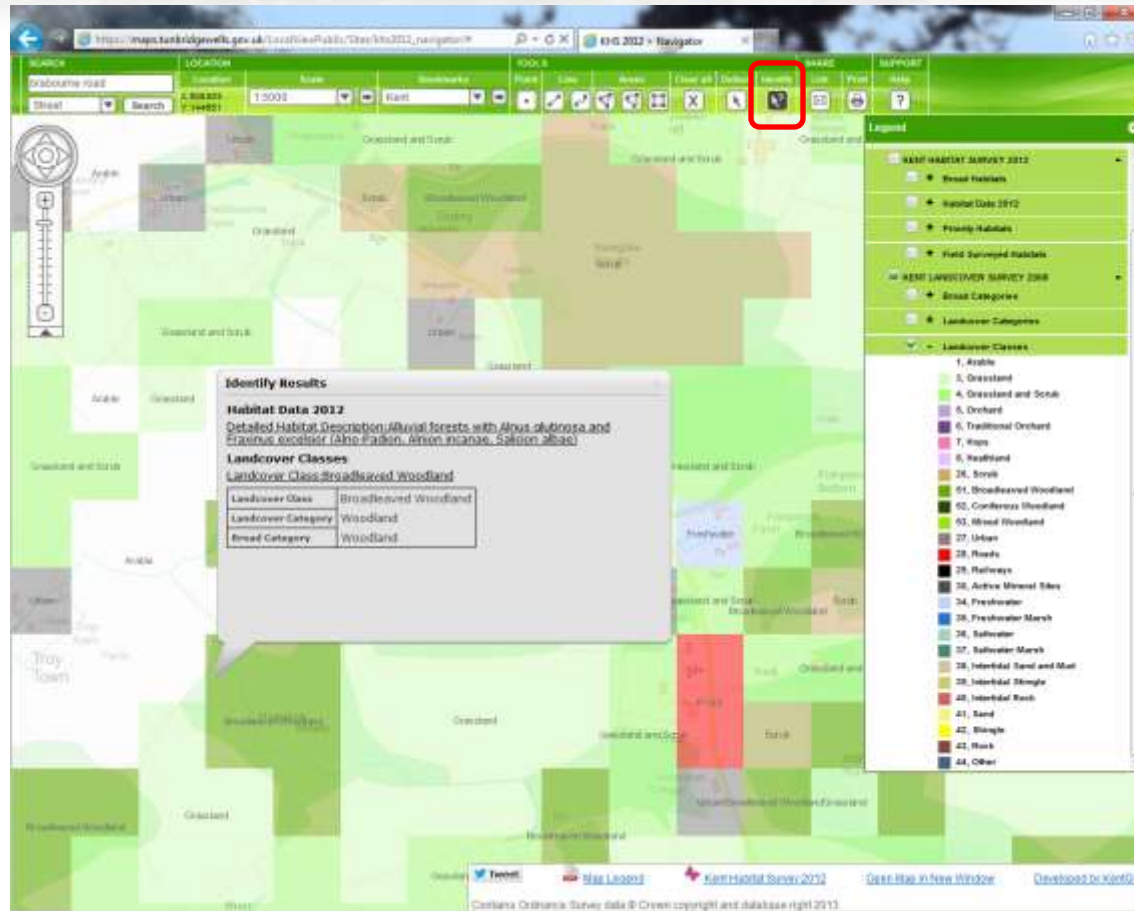


# Kent Habitat Survey Data





# Kent Landcover Survey Data



# Spatial Analysis

The screenshot shows a web-based GIS application interface. At the top, there is a search bar and a toolbar with various icons. A red box highlights the toolbar icons. Below the toolbar, a map is displayed with a yellow circle highlighting a specific area. A table window is open, showing a list of field surveyed habitats. A red box highlights the 'Export all to CSV' button in the table window. At the bottom, a dialog box asks if the user wants to open or save a file, with a red box highlighting the 'Open' button.

Field Surveyed Habitat ID	OS Grid Reference	OS Grid Reference	OS Grid Reference	Description	OS Grid Reference
TRE4_0118	0C12	0C12 0C12 0B11		Other wooded grassland with other open natural areas, false shrubs, grasses	0C
WB3	Woodland	WB1 0P2 A03		Broadleaved woodland, unimproved woodland, woodland management	WB
WB4	Woodland	WB1 0P2 Y02		Broadleaved woodland, unimproved woodland, woodland management	WB
WB5	Woodland	WB1 0P2 A03		Broadleaved woodland, unimproved woodland, woodland management	WB

# Printing

The screenshot shows a web-based GIS application interface. The main map displays a landscape with various colored overlays representing different habitats or land use. A large, irregularly shaped area in the center is highlighted in light blue and labeled "Area of Interest". A yellow outline surrounds this area. A red box highlights the "Print" button in the top right corner of the application's toolbar.

The "Print Options" dialog box is open, showing the following settings:

- Choose a print layout: A3 Landscape, A3 Portrait, A3 (selected)
- Print Details:
  - Title: Kent Habitat Survey
  - Description: Area of Interest
- Map area: Maintain scale
- Print Quality: Draft
- Output format: PDF
- Buttons: Print, Cancel

The "polygon" information panel is also visible, showing:

- Feature Information:
  - Perimeter: 3.88km
  - Area: 0.21km<sup>2</sup>
  - Add a label: Area of Interest (with a red box around the "Add label" button)
- Actions:
  - Select: Field Surveyed Habitats
  - Intersects: (dropdown menu)
  - Buffer: 20 m

The browser address bar shows the URL: <https://maps.kent.gov.uk/arcgis/rest/services/Maps/MapServer/0?appid=arcgisorg>. The browser title is "Kent Habitat Survey 2012 - Navigator".

# Data Sharing

The screenshot shows the ArcGIS search interface. The search bar at the top right contains the text "kent habitat survey" and is highlighted with a red rectangle. Below the search bar, the page displays "Search Results" for "6 results". The results are listed in a grid format, each with a thumbnail image, a title, a description, and a "Last Modified" date. The results include:

- Kent Habitat (2012) and Landcover (2006) Survey - Comparison**: Kent Habitat (2012) and Landcover (2006) Survey - Comparison. Web Mapping Application by KentGIS. Last Modified: 14 February 2013. (0 ratings, 0 comments, 49 views)
- Kent Habitat Survey 2013**: Kent Habitat Survey 2013. Map Service by KentGIS. Last Modified: 13 February 2013. (0 ratings, 0 comments, 164 views)
- Kent Habitat Survey 2013**: Kent Habitat Survey 2013. Web Map by KentGIS. Last Modified: 13 February 2013. (0 ratings, 0 comments, 37 views)
- Kent Landcover Survey 2006**: Kent Landcover Survey 2006. Map Service by KentGIS. Last Modified: 13 February 2013. (0 ratings, 0 comments, 24 views)
- Kent Landcover Survey 2006**: Kent Landcover Survey 2006. Web Map by KentGIS. Last Modified: 13 February 2013. (0 ratings, 0 comments, 48 views)
- Kent Habitat (2012) and Landcover (2006) Survey - Catalogue**: Kent Habitat (2012) and Landcover (2006) Survey - Catalogue. (0 ratings, 0 comments, 0 views)

On the left side of the search results, there are sections for "All Results" (Maps, Applications, Tools), "Related Searches", and "More Information" (What types of items can I find here?, Advanced search options, Finding layer packages and other ArcGIS desktop content).

# Data Download

http://www.archonline.eu'. Below this is a section titled 'Access and Use Constraints' with a link to 'http://www.archonline.eu/terms.html'. Another section titled 'Map Contents' lists 'Kent Habitat Survey 2012' with the URL 'http://maps.tunbridgewells.gov.uk/ArcGIS/rest/services/External/KHS\_2012/MapServer'. A 'Properties' section follows, listing 'Tags: Kent, Habitat, Landcover, Survey, 2012, KentGIS', 'Credits: ARCH Project Team, Kent County Council, KentGIS.co.uk', 'Size: 1 KB', and 'Extent: Left: 0 Right: 1.48 Top: 51.51 Bottom: 50.89'. At the bottom, there is a 'Comments (0)' section."/>

Kent Habitat Survey 2012

ARCH  
Assessing Regional  
Habitat Change

Kent Habitat Survey 2012  
Map Service for Kent003  
Last Modified: 13 February 2013  
0 ratings, 170 views  
Sign in to rate this item.  
Facebook Twitter

Open  
Open in ArcGIS.com map viewer  
Open in ArcGIS Explorer Online  
Open in ArcGIS For Desktop

ARCH  
Assessing Regional  
Habitat Change

ARCH - Assessing Regional Habitat Change - an Interreg IVA-Two Seas Cross Border Co-operation Programme. ARCH is an ambitious project for an improved knowledge and monitoring of habitats and key species in Kent and Nord-Pas de Calais. For more details visit <http://www.archonline.eu>

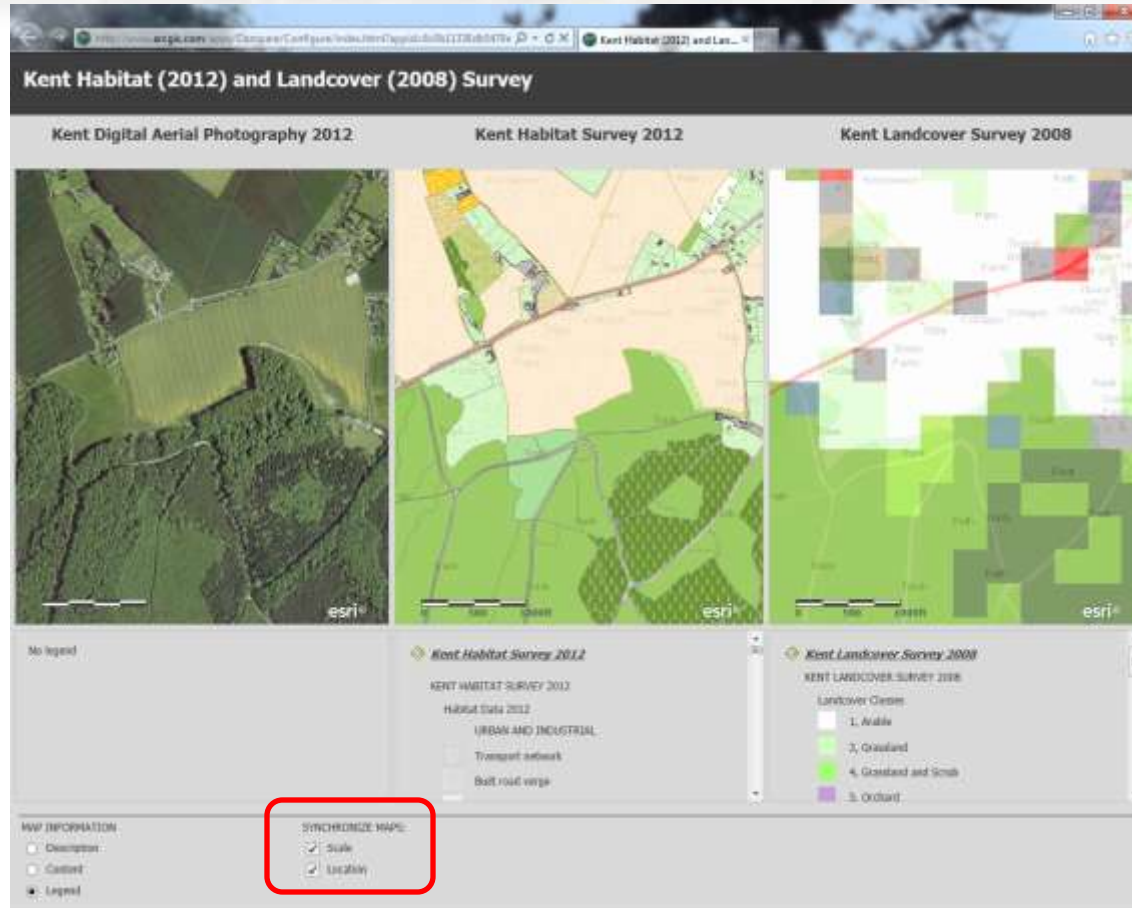
**Access and Use Constraints**  
<http://www.archonline.eu/terms.html>

**Map Contents**  
Kent Habitat Survey 2012  
[http://maps.tunbridgewells.gov.uk/ArcGIS/rest/services/External/KHS\\_2012/MapServer](http://maps.tunbridgewells.gov.uk/ArcGIS/rest/services/External/KHS_2012/MapServer)

**Properties**  
Tags: Kent, Habitat, Landcover, Survey, 2012, KentGIS  
Credits: ARCH Project Team, Kent County Council, KentGIS.co.uk  
Size: 1 KB  
Extent: Left: 0 Right: 1.48  
Top: 51.51 Bottom: 50.89

**Comments (0)**

# Aerial / Habitat / Landcover



# Reporting


Update > User Details > Fields

## Update

Select the IHS Broad Habitat Type  
Acid Grassland

Enter details of proposed update (including any species data):  
This should be Calcareous Grassland. Bee Orchids found.

Enter a British National Grid reference or click on the map to select your location  
E04877, N33887



[Show map navigation buttons](#)

Enter date the site was last visited:  
25/02/2013

Attach any supporting evidence (photos etc.). Bitmap Files, JPEG, GIF, TIFF, PNG, PDF formats are supported, maximum file size 4MB each.

# Reporting

**Kent Habitat Survey 2012**

Please fill in the following information to help us update the Kent GAP Habitat inventory. The information submitted below will help us to validate our inventories and include missing parcels to improve GAP delivery.

Updates > **User Details** > Finish

**User Details**

Name:  
Peter Wain

Phone:  
012345678910

E-mail:  
peter.wain@sunbridgewells.gov.uk

Select your Organisation:  
Kent County Council

Back Submit



# Reporting

KHS 2012 SAP Habitat Error - Message (HTML)

Message

Reply Reply to All Forward Delete Move to Create Other Mark as Read E-mail Categories Follow Mark as Read Select Send to Favorites

From: LocalView (please do not reply) [localview@kent.gov.uk] Sent: Mon 25/02/2013 13:00  
To: Peter Ware, phil.williams@kent.gov.uk  
Cc:  
Subject: KHS 2012 SAP Habitat Error

Update

Select the HGS Broad Habitat Type

Add Description

Enter details of proposed update (including any species data)

This should be Colchester Grassland. See Details found

Enter a British National Grid reference or click on the map to select your location

[http://www.kent.gov.uk/LocalView/ViewDetails.aspx?SiteID=2512\\_wmsh2512&zoom=1&lat=51.245145&lon=0.82476101462229](#)

0.82476101462229


51.24514500000000

Species Reference ID:21719

Enter date the site was last visited

25 Feb 2013

Attach any supporting evidence (photos etc.): (Email Files, JPEG, GIF, TIFF, PNG formats are supported, maximum file size 4MB each)



original name: C:\Users\p2\Desktop\06a\_0004.jpg

User Details

Name:

Peter Ware

Phone:

012348019913

E-mail:

[localview@kent.gov.uk](mailto:localview@kent.gov.uk)

Select your Organisation:

Hart County Council





# Thank You

[info@KentGIS.co.uk](mailto:info@KentGIS.co.uk)  
[@KentGIS](#)

